

CEBIT 2018 - Hall 13, Stand E58, 12-15 June 2018

World's first 14 TB server HDD joins Toshiba's enterprise and consumer product line up on api - partner stand at CEBIT 2018

Toshiba to give live demonstrations of HDD-based storage server solutions and benchmarking of enterprise storage architectures

Düsseldorf, Germany, 23rd May 2018 - Toshiba Electronics Europe GmbH (TEE) has announced the world's first^[1] 14 TB^[2] server hard disk drive (HDD) [MG07ACA series](#) will join its portfolio of [enterprise](#) and [consumer HDD](#) products on stand at CEBIT 2018.

Toshiba co-exhibiting with api Computerhandels GmbH will be located at Hall 13, Stand E58, where visitors will be able to see live demonstrations of storage server solutions with Toshiba enterprise hard disk drives throughout the four-day trade fair with the company also giving the results of its recent performance optimization benchmarking of HDD based enterprise storage solutions.

The displayed **MG07ACA** 3.5-inch enterprise capacity hard drive series is the world's first 9-disk helium-sealed design with CMR (conventional magnetic recording), suitable for all server and storage applications. It delivers 14 TB capacity, spinning at 7200 rpm and comes with a SATA 6 Gbit/s Interface. The drive is intended for applications including cloud-scale storage and software-defined data centre infrastructure.

The company's 2018 line-up of internal HDDs will also be on display, this includes its **N300** NAS Hard Drive, the **X300** Performance Hard Drive and the **L200** Laptop PC Hard Drive, which have recently been extended with models of higher capacities and certain specifications. In addition, Toshiba will demonstrate its new families of internal hard drive: the [S300 Surveillance Hard Drive](#) and [V300 Video Streaming Hard Drive](#).

The S300 series combines up to 10 TB of storage with a 256 MB^[3] data buffer and mean time to failure of 1 million hours. It is designed to manage the vast amount of data that comes from an array of up to 64^[4] security cameras running 24/7.

The V300 series delivers up to 3 TB of storage, is optimised for 24/7^[5] operation and implements a SATA 6.0 Gbit/s interface plus a low-spin design to improve energy efficiency. It has been created for use in digital (DVR) and network video recorders (NVR).

Furthermore, Toshiba will display its external **CANVIO Advance** and **CANVIO Premium** Hard Drives. These models allow private users to backup and store up to 3 TB of data. Depending on the model and customer needs, they come with a choice of glossy piano or aluminium finish, a two or three-year warranty and features including Toshiba Storage Security Software for password security and the Toshiba Storage Backup Software for automated backing up of data. For extra connectivity the CANVIO Premium will be delivered with a Type-A to Type-C USB adaptor.

Toshiba's Rainer Kaese, Senior Manager, HDD business unit, said: "*Across the range, our whole line-up of HDDs has been strengthened. We'd be delighted to talk you through the products and give demonstrations on the stand. We look forward to seeing you there.*"

For more information about the full line-up of Toshiba HDD products, please visit: <https://www.toshiba-storage.com> and <http://toshiba.semicon-storage.com>

Notes:

Arranging an appointment at CEBIT: For media attending the show email: JLepping@tee.toshiba.de.

[1] Source: Toshiba Electronic Devices & Storage Corporation, as of December 8, 2017.

[2] Definition of capacity: A terabyte (TB) is 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of $1\text{TB} = 2^{40} = 1,099,511,627,776$ bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

[3] This specification is valid for the S300 10 TB, 8 TB and 6 TB model.

[4] Number of surveillance cameras support capability depends on model and is defined by performance simulation with High Definition cameras at 10 Mbit/s rate. Actual results may vary based on various factors, including the types of cameras installed, the system's hardware and software capabilities, and the video compression technology used, as well as system variables such as resolution, frames per second, and other settings.

[5] V300 drives are designed for always-on, low transaction workloads of 72 TB/year.

* Information in this document, including product prices and specifications, content of services and contact information, is current and believed to be accurate on the date of the announcement but is subject to change without prior notice.

* Company names, product names, and service names mentioned herein may be trademarks of their respective companies.

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About Toshiba Electronics Europe

[Toshiba Electronics Europe GmbH](#) (TEE) is the European electronic components business of [Toshiba Electronic Devices and Storage Corporation](#). TEE offers European consumers and businesses a wide variety of innovative hard disk drive (HDD) products plus semiconductor solutions for automotive, industrial, IoT, motion control, telecoms, networking, consumer and white goods applications. The company's broad portfolio encompasses integrated wireless ICs, power semiconductors, microcontrollers, optical semiconductors, ASICs, ASSPs and discrete devices ranging from diodes to logic ICs.

Formed in 1973 in Neuss, Germany, TEE has headquarters in Düsseldorf, Germany, with branch offices in Germany, France, Italy, Spain, Sweden and the United Kingdom providing design, manufacturing, marketing and sales. Company president is Mr. Akira Morinaga.

For more company information visit TEE's web site at www.toshiba.semicon-storage.com.

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